

Appl. No. 09/683,662
Dated November 16, 2005

Docket No. DE92000079US1

Proposed Substitute Claims

1. (previously presented) A mobile data processing device comprising an internal power supply, a port for connecting an external power supply to the internal power supply, a power server that obtains power from the internal power supply in order to provide at least one additional reference voltage, and a further port for supplying said at least one reference voltage to at least one other independent mobile data processing device requiring said reference voltage.
2. (canceled)
3. (canceled)
4. (previously presented) The mobile data processing device according to claim 1, wherein said power server comprises an input with power of a certain voltage (VDC) from said internal power supply, one voltage regulator circuit for generating said reference voltage, and an output for providing said said reference voltage to an assigned power receiving device of said at least one other independent mobile data processing devices.
5. (previously presented) The mobile data processing device according to claim 4, further including a power subsystem and battery charger and wherein said power server further comprises an input for receiving power from said power subsystem and battery charger and a switch for controlling supply of said power to said assigned power receiving device.
6. (previously presented) The mobile data processing device according to claim 5, wherein said power server further comprises a reference voltage generator for providing a reference voltage to said voltage regulator circuit and a reference voltage selection circuit

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for choosing a device-specific reference voltage for powering said assigned power receiving device.

7. (previously presented) The mobile data processing device according to claim 6, wherein said voltage generator supports several independent voltage regulator circuits concurrently.

8. (previously presented) The mobile data processing device according to claim 7, wherein said power server further comprises a protection circuit for protection of said said power server against high voltages.

9. (previously presented) The mobile data processing device according to claim 8, wherein said power server comprises for each of multiple power receiving devices an independent voltage regulator circuit, an independent protection circuit, and an independent output.

10. (previously presented) The mobile data processing device according to claim 9, wherein said mobile data processing device comprises a notebook and said assigned power receiving device is a mobile phone.

11. (previously presented) The mobile data processing device according to claim 9, wherein said mobile data processing device comprises a notebook and said assigned power receiving device is a personal assistant.

12. (canceled)

13. (canceled)

15. (canceled)

16. (canceled)

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17. (canceled)

18. (currently amended) A mobile power device [power server] that provides regulated power from an external power supply to a plurality of independent mobile processing devices, said mobile power device [power server] comprising:

an external power supply adapter port to receive an external power supply

 ~~adapter~~

a primary port that receives power from the external power supply through said external power supply adapter,

a power server connected to said primary port to power a primary mobile processing device, said power server including multiple independent voltage regulators to produce multiple power levels, and

at least one supplemental port of said power server that provides said multiple regulated power levels to power at least one other mobile processing device, said at least one supplemental port being coupled to the primary port through an independent voltage regulator of said power server.

19. (currently amended) The mobile power device [power server] of claim 18 wherein said power server [device] is contained within a housing of [a data] said primary mobile processing device.